



Environment

Prepared for:
Town Of Greenwich
Greenwich Public Schools
290 Greenwich Avenue
Greenwich, CT 06830

Prepared by:
AECOM
Rocky Hill CT
60148468
January 23, 2012

MISA Investigation Report

Greenwich High School MISA Construction Project
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A handwritten signature in black ink, reading "Malcolm A. Beeler".

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1.0 Introduction

This investigation report details the investigation methods and results of the 2011 soil investigation conducted within the footprint of the Music and Instructional Space Auditorium (MISA) construction area at Greenwich High School (GHS) (the Site) located at 10 Hillside Road in Greenwich, Connecticut. The Owner of the Site is the Town of Greenwich (Owner or Town). This report only covers soil within the footprint of the MISA construction. Site-wide investigation is ongoing and other environmental impacts will be covered under separate reports.

1.1 Site Description

The GHS property is located at 10 Hillside Road in Greenwich, Connecticut, which is approximately 73.61 degrees west longitude and 41.04 degrees north latitude. A Site Location Map is provided as **Figure 1** and a site plan indicating property boundaries, major site features, the MISA construction footprint, and sample locations is provided as **Figure 2**.

Information obtained from the Town of Greenwich Tax Assessor's office indicates that the property is currently owned by the Town of Greenwich, the legal size of the property is 54.75 acres, and the parcel number is 07-4511/S. The property was acquired by the Town in 1966 and construction on the initial high school buildings was completed in 1970. Additional construction, including the addition of building wings, was performed in 1990.

Sanborn fire insurance maps indicate that prior to 1966 and purchase of the site by the Town, the property was occupied by several residences and outbuildings at the perimeter and a water body that was located centrally, referred to as an ice pond on the Sanborn maps, with an associated ice house. Historical records indicate that fill was brought onto the property to backfill the pond area prior to and during construction of the school. Additional fill was added to address settling in the western parking area in the early 1970s.

The property is in an area that is zoned for single-family residential use (R-20) and is bounded by residential properties to the north and west, East Putnam Avenue to the south, and Hillside Road to the east. Residential properties are located beyond East Putnam Avenue and Hillside Road. The property is currently in active use as a high school. Improvements include the high school building complex with multiple specific-use wings, paved parking areas, and athletic fields. Utilities serving the property include municipal water, storm drainage, sewer, electricity, and communications. Heating is provided by oil-fired boilers and No. 2 fuel oil for heating is stored on-site in a 15,000-gallon underground storage tank (UST).

A fenced utility area, located on the west side of the school building, encloses a transformer owned and operated by Connecticut Light & Power, an emergency electrical generator with an integral 200-gallon diesel day tank, and a steel storage container used to store maintenance vehicles and small containers of gasoline. A 1,000-gallon diesel UST for the generator is located between the fenced area and the adjacent paved parking area. The remainder of the property is landscaped or wooded. West Brothers Brook enters the property in the northwest, follows the western boundary, then curves east between the football stadium (Field 1) and the baseball diamond (Field 2) before it widens into a small surface water impoundment in the southeast corner of the property. A large section of the brook

is contained within a concrete channel. Water from the impoundment exits the property via a culvert under East Putnam Avenue.

The Natural Resources Conservation Service maps indicate that native soils in the site vicinity are likely to consist generally of sand and gravel with areas of rock outcrops. Historical investigations indicate that native soils at the Site also consist of highly organic soil and peat in the area of the former pond. The United States Geological Survey (USGS) "Surficial Materials Map of Connecticut", dated 1992, indicates thin till at the property location. The "Bedrock Geology Map of Connecticut", produced by CT Department of Environmental Protection and USGS and dated 1985, shows bedrock at the property location as foliated gneiss.

As shown on **Figure 2**, the MISA construction footprint is located at the northwest corner of the existing buildings. The structure located to the south was part of the original construction completed in 1970. The structure located to the east of the MISA footprint was constructed in 1990. Historical aerial photographs and available drawings indicate that the area within the MISA footprint was completed as a parking lot at the time of original construction of the buildings.

1.2 Conceptual Site Model

Information gathered during preparation of the Phase I Environmental Site Assessment indicates that fill material of unknown quality was placed at the site prior to and during the construction of the High School between 1966 and 1970. The fill was placed within areas currently occupied by Athletic Fields 2 through 7 and the western parking lot. Historical Sanborn Maps presented in the Phase 1 report showed that residential properties were located on the eastern portion of the Site along Hillside Road and on the southern portion along East Putnam Avenue. As best can be determined from these historical maps, some of these residential properties were located near and within the area of the MISA Footprint.

Thus, from historical site information gathered during the Phase I, the MISA footprint appears to be located at the edge of the area indicated as probably having been filled during construction at the Site. Therefore, potentially impacted soils due to the placement of fill materials are likely present, but expected to be limited, within the MISA footprint.

1.3 Applicable Regulations and Criteria

Applicable regulations include the federal PCB regulations in 40 CFR Part 761 and the Connecticut Remediation Standard Regulations (RSRs). This report includes only a soil investigation and did not include an evaluation of groundwater quality; therefore, the sections below will only discuss applicable soil criteria. A site wide groundwater evaluation is being conducted separately.

1.3.1 Federal Regulations

Federal regulations in 40 CFR Part 761, applies if polychlorinated biphenyls (PCBs) are found ≥ 50 milligrams per kilogram (mg/kg). The federal regulations may also apply to soil with PCB concentrations < 50 mg/kg if dilution of PCBs concentrations in soil occurred after 1978.

1.3.2 RSR Criteria

The RSRs contain numeric criteria for soil and include Direct Exposure Criteria (DEC) and Pollutant Mobility Criteria (PMC). For DEC, the RSRs include two sets of criteria; residential (Res) and

industrial/commercial (I/C). The RES DEC are the RSR default criteria, are to be applied to school settings, and are used to evaluate the data discussed in this investigation report.

The RSRs include two sets of numeric criteria for PMC. These are based on the groundwater quality classification at a specific site and the groundwater classification for this Site is GA. Therefore, the GA PMC apply and are used to evaluate the data.

2.0 Investigation Program

The following is a discussion of the investigation program for the MISA construction area. The investigation was performed in two phases. The first phase was performed to characterize soil within the entire footprint for containments of concern (COCs) including PCBs, metals, polynuclear aromatic hydrocarbons (PAHs), extractable total petroleum hydrocarbons (ETPH), and pesticides. The second phase was performed to further delineate PCB concentrations in soil where the highest concentration was determined in the first phase. Analytical data reports are included in **Appendix A**.

Figure 3 presents a site plan of the investigation area with boring locations and Areas of Concern (AOCs). The AOCs are identified based upon analytical results from the investigation which are discussed more fully in Section 3.

During the first phase of the investigation, sixteen soil borings were performed along the 40-foot by 40-foot grid already established for the site and shown on **Figure 2**. Five soil borings were performed along the north-south grid lines designated as 21, 22, and 23 and one boring was performed on the grid line designated as 24. During the second phase of the investigation, an additional eight borings were performed around location AH21-SB206 to more fully delineate PCB impacts identified at this boring. All soil borings are located within the footprint of the Auditorium which will be constructed as part of the MISA project.

Soil borings were planned to be performed to a maximum depth of 20 feet below grade (ft bg). Penetration to this depth allowed for observation and characterization of fill materials and penetration into native materials. During the investigation, all of the borings were terminated short of 20 feet as significant penetration into native materials had been achieved or refusal on bedrock occurred. Soil and fill types were recorded by AECOM field personnel during the field investigation program. Soil boring logs from both phases of the investigation are included in **Appendix B**.

2.3.1 Geology

Soil borings along the 21 transect (those furthest to the west) encountered peat at depths between 9 and 10 ft bg and all borings were terminated at 15 ft bg because significant penetration in what is assumed to be native materials was achieved. Bedrock was not encountered at any of these boring locations. Fill materials were identified above the peat and these consisted of various materials including fine to coarse sands with brick, black sands with various types of debris, and clay with gravel.

Peat was encountered in soil borings along the 22 transect at depths ranging from 5.5 to 10 ft bg except in boring AF22-SB215 (located at the south of this transect nearest to the gym constructed in 1970). Refusal at 16 ft bg occurred during the performance of AI22-SB205 and this is assumed to be the depth of bedrock. Fill materials encountered above the peat layer were similar to those identified along the 21 transect.

Peat was not encountered in any of the soil borings along the 23 transect. Soil consisted of sandy materials with varying amounts of silt and gravel and no debris was identified in these borings. This may indicate the absence of historical fill materials. Refusal was encountered between 11 and 16.5 ft bg in these borings and this is assumed to be the depth of bedrock.

For the single boring performed along the 24 transect, AF24-SB217, soil consisted of sandy materials with gravel and clay. Peat was not identified in this boring and refusal, assumed to be the depth of bedrock, was at 9 ft bg. No debris was identified in this boring.

Soil borings performed during the second phase of the investigation were located on and to the east and west of the 21 transect. Observations of the subsurface geology made during the performance of these borings are consistent with those made during the first phase.

From this limited data set it would appear that peat, assumed to have been present within the historical pond and wetland area that was backfilled during construction of the high school, is only found along transects 21 and 22. Peat was not encountered in the borings along transects 23 and 24 and debris material, indicative of fill, was not identified in these borings either. Thus, these data may indicate that placement of fill is limited to the western area of the MISA footprint which is consistent with the current Conceptual Site Model.

2.3.2 Hydrogeology

Hydrogeologic characteristics have not been determined for the site. During the performance of the soil borings, water was typically identified in soil at approximately 10 ft bg. The seasonal low groundwater table is assumed to be at this depth or lower.

3.0 Analytical Data Summary

Sixteen borings were performed during the first phase of the investigation program and an additional eight borings were performed during the second phase. During the first phase samples were analyzed for PCBs, metals (RSR 15), PAHs, ETPH, and pesticides as these were the COCs identified in the fill material during limited previous investigation activities at the site. Analytical data are summarized in **Table 1** and the applicable remedial criteria, Res DEC and GA PMC, are also presented in the table. The following summarizes analytical results for the selected analytical parameters.

3.3.1 PCBs

During the first phase of the investigation, three or four analytical samples were collected for analysis of PCBs by EPA Methods 3540 and 8082 from each of the sixteen boring locations. One sample was collected from the surface interval below the asphalt paving (0 to 0.5 or 0 to 1 ft bg), one sample was collected within peat or sands without debris which were assumed to be native materials, and one or two samples were collected of the intermediate fill materials. The fill samples were biased toward the areas with the greatest observed impacts (odor, PID readings, presence of debris, and discoloration). PCB data are summarized on **Figure 4**.

Along the 21 transect, all of the surface interval samples were non-detect for PCBs as were the native material samples which were collected from one-foot intervals between 11 and 15 ft bg. Of the remaining ten samples collected from fill materials, PCBs were detected in five samples, collected between 4 and 7 feet below grade, and were non-detect in the remainder. Of the PCB detections, one was much less than 1 mg/kg (0.0323 mg/kg at AG21-SB214 4.5-5.5), three others were between 1 mg/kg and 5 mg/kg total PCBs, and the maximum determined concentration was 18.8 mg/kg at AH21-SB206 4-5 ft bg.

The Synthetic Precipitation Leachate Procedure (SPLP) was performed on the sample from AH21-SB206 4-5 ft bg as this sample represented the maximum PCB concentration determined within soil in the MISA footprint. Data are presented in **Table 1** and indicate that the GA PMC is not exceeded for this sample.

Along the 22 transect, all of the surface interval samples were non-detect for PCBs except for the sample at AJ22 which had a total PCB concentration of 0.0322 mg/kg. The four native material samples (no native material sample from AH22-SB212) which were collected from one-foot intervals between 8 and 16 ft bg were all non-detect for PCBs. Of the ten samples collected from fill materials, PCBs were detected in five of the samples with a maximum concentration of 0.57 mg/kg.

Along the 23 transect, where fill materials were not observed, all five of the surface interval samples were non-detect for PCBs except for AG23-SB216 where PCBs were detected at a concentration of 0.104 mg/kg. PCBs were not detected in the five native material samples, collected from half- or one-foot intervals between 10.5 and 16 ft bg, except in AI23-SB208 10.5-11 ft bg where PCBs were detected at 0.0459 mg/kg. PCBs were detected in only two of the eight intermediate samples collected along this transect with a maximum concentration of 0.0635 mg/kg at AG23-SB216 9-10 ft bg.

Four samples were collected from AF24-SB217 and PCBs were only detected in one of the intermediate samples at 5 to 6 feet below grade and a concentration of 0.0654 mg/kg.

These data indicate that PCBs at a concentration greater than 1 mg/kg were only detected along the 21 transect and that these detections were limited to between 4 and 7 ft bg. No other samples exceeded 1 mg/kg during the first phase of the investigation. SPLP analysis of the sample with the maximum PCB concentration indicated that PCBs do not exceed the GA PMC.

An additional eight borings were performed during the second phase of the investigation. Four borings were performed ten feet distant of the highest detection of PCBs during the first phase (18.8 mg/kg at boring location AH21 from 4 to 5 ft bg). The remaining four borings were performed 20 feet distant from AH21. Three samples were collected at each boring and analyzed for total PCBs. All of the samples were collected from between 2 and 7 ft bg so as to focus on the depth interval with observed PCB impacts.

Two sample results from this additional round of sampling exceeded 50 mg/kg, AH218-SB219 6-7 ft bg (87.2 mg/kg) and AH21D-SB221 4-5 ft bg (72.7 mg/kg). Both of these samples were collected 10-feet distant from AH21D. Overall, PCBs were detected in ten of the twelve samples collected 10-feet distant from AH-21, but other than those two samples that exceeded 50 mg/kg, none of the others exceeded 5 mg/kg. Thus, PCB impacts exceeding 50 mg/kg are extremely limited and no other impacts that exceeded 10 mg/kg were identified in these samples.

None of the analytical results from soil samples collected 20-feet distant from AH21 exceeded 50 mg/kg. Overall, PCBs were detected in seven of the twelve sampled collected 20-feet distant from AH21 and only two results exceeded 10 mg/kg, AH21G-SB224 4-5 (10.2 mg/kg) and AH21H-SB225 5-6 (20.6 mg/kg). All of the samples from AH21F-SB223 were non-detect for PCBs. This boring location was performed furthest towards the east and transect 22. This agrees with the data from the first phase of sampling which indicated that PCB impacts >1 mg/kg were limited to along the 21 transect and didn't extend to the east.

3.3.2 Metals

Eighteen samples for analysis of the list of metals in the RSRs were collected from nine of the boring locations. The data are presented in **Table 1** and are summarized on **Figure 5**. Only arsenic and lead were found to exceed the Res DEC from the RSRs. Several metals exceed the GA PMC based upon a comparison of the total mass to the remedial standard. However, analysis of two SPLP leachate samples from soil samples with the highest metals concentrations, found that only lead exceeded the GA PMC based upon that evaluation.

As shown on **Figure 5**, metals exceeding remedial criteria are limited to the 21 transect. Samples collected to the west along transects 22, 23, and 24 exhibit much lower concentrations of metals and none exceed applicable criteria. This data observation corresponds with that made for PCBs.

Lead exceeded the RDEC and GA PMC, as determined by SPLP analysis (see **Table 1**) at AF21-SB202 6.5-7 and AH21-SB206 4-5. At both these locations lead was found at concentrations greater than 1,000 mg/kg.

Arsenic exceeded the RDEC of 10 mg/kg at the same two sample locations. However, SPLP test results indicate that arsenic does not exceed the GA PMC at these locations. Other metals that didn't

exceed the RDEC but did exceed the GA PMC (by comparing total mass to the PMC) were determined to comply with the GA PMC by performing SPLP extraction and then analyzing for metals.

3.3.3 PAHs

Eighteen samples for analysis of PAHs by EPA Method 8270 were collected from nine of the boring locations. The data are presented in **Table 1** and are summarized on **Figure 6**. Only Benzo(a)anthracene, Benzo(a)pyrene, and Benzo(b)fluoranthene were found to exceed any of the applicable remedial criteria from the RSRs, RDEC and GA PMC. SPLP analysis was performed on the two samples with the highest concentrations of PAHs and Benzo(a)anthracene was found to exceed the GA PMC at one of these location.

As shown on **Figure 6**, PAHs exceeding remedial criteria are limited to the 21 transect except for AH23-SB204 2-3 ft bg. All other samples collected to the west along transects 22, 23, and 24 exhibit much lower concentrations of PAHs and none exceed applicable criteria. This data observation corresponds with that made for PCBs. SPLP analysis of the sample collected from AH23-SB204 2-3 ft bg indicate that this sample does exceed the GA PMC for Benzo(a)anthracene.

3.3.4 ETPH

Eight samples for ETPH analysis by the Connecticut (CT) ETPH method were collected from four of the boring locations. The data are presented in **Table 1** and are summarized on **Figure 7**. As shown on **Figure 7**, ETPH exceeding remedial criteria are limited to the 21 transect. Samples collected to the west of this transect do not exceed the RDEC or GA PMC. It should be noted that the 1996 RSR criteria apply to the analysis of TPH by EPA Method 418.1. However, they are used for comparison for the samples analyzed by the CT ETPH Method.

3.3.5 Pesticides

Four samples for analysis of pesticides by EPA Method 8082 were collected from shallow intervals at four of the boring locations located within the MISA footprint. Only methoxychlor was detected but at concentrations less than the RDEC and the GA PMC. Pesticides are not considered to be a COC within the MISA footprint.

4.0 Conclusions

PCBs have been detected in soil at concentrations regulated under the applicable federal regulations in 40 CFR Part 761 and Connecticut state regulations under Section 22a-133k-1 through -3, inclusive. Specifically, soil with total PCB concentrations equal to or greater than 50 milligram per kilogram (≥ 50 mg/kg) that are classified as PCB Remediation Wastes and additional soil with total PCB concentrations less than 50 mg/kg also regulated under the federal regulations have been identified. Additional COCs in soil include metals (lead and arsenic), PAHs, pesticides, and ETPH. Based on the results of this investigation, a remedial plan should be developed to address PCB-containing materials in accordance with the governing federal regulations under §761.61(a) and the governing state regulations for PCBs and the other COCs as well.

Remediation of these soil impacts should be completed as part of the MISA construction process. However, prior to any construction activities, remediation of PCBs in soil ≥ 50 mg/kg should be performed. The following are recommend for inclusion in the remedial plan:

- Provide public notice prior to the performance of remedial activities
- Remove soil which contains PCBs regulated under §761.61(a) and soils with concentrations of COCs in excess of the RDEC and/or GA PMC or render soil inaccessible following construction of the MISA.
- Conduct verification sampling following completion of remedial excavations to determine if remedial goals have been achieved. Expand excavations as needed until remedial goals have been achieved.
- Conduct groundwater sampling to assess the continued effectiveness of soil remediation on groundwater quality.
- Complete a plan to store, handle and dispose of waste in accordance with state and federal regulations.
- Complete a decontamination plan for equipment used during the remediation of PCBs.
- Complete an air monitoring plan that is protective of site workers, other site users, and the surrounding community.
- File a deed restriction in accordance with federal PCB and state of Connecticut regulations.

Tables



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	I/C DEC	AF21-SB202 10/2/2011 AF21-SB202(0-0.5)-1 0-0.5	AF21-SB202 10/2/2011 AF21-SB202(3.0-3.5)-1 3-3.5	AF21-SB202 10/2/2011 AF21-SB202(6.5-7.0)-1 6.5-7	AF21-SB202 10/2/2011 AF21-SB202(9-9.5)-1 9-9.5	AF21-SB202 10/2/2011 AF21-SB202(12-13)-1 12-13	AF22-SB215 10/9/2011 AF-22-SB215(0-0.5) 0-0.5	AF22-SB215 10/9/2011 AF-22-SB215(1-3) 1-3	AF22-SB215 10/9/2011 AF-22-SB215(1-3) DUP 1-3	AF22-SB215 10/9/2011 AF-22-SB215(5-6) 5-6	AF22-SB215 10/9/2011 AF-22-SB215(8-9) 8-9	AF23-SB203 10/2/2011 AF23-SB203(0-1)-1 0-1	AF23-SB203 10/2/2011 AF23-SB203(8-9)-1 8-9	AF23-SB203 10/2/2011 AF23-SB203(11.5-12)-1 11.5-12	AF24-SB217 10/9/2011 AF-24-SB217(0-0.5) 0-0.5	AF24-SB217 10/9/2011 AF-24-SB217(0-1) 0-1	AF24-SB217 10/9/2011 AF-24-SB217(0-4) 0-4
CT-ETPH (mg/Kg)																			
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	NS	42.1	715	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	NS	42.1	715	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	NE	NE	NE	NS	42.1	715	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAH (ug/Kg)																			
Chrysene	1000	84000	780000	NS	<364	888	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Anthracene	40000	1000000	2500000	NS	<364	<767	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NS	<364	1020	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NS	<364	915	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NS	<364	848	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NS	<364	<767	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Fluoranthene	5600	1000000	2500000	NS	<364	2090	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Fluorene	5600	1000000	2500000	NS	<364	<767	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Naphthalene	5600	1000000	2500000	NS	<364	<767	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Phenanthrene	4000	1000000	2500000	NS	<364	1230	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
Pyrene	4000	1000000	2500000	NS	<364	1540	NS	NS	NS	NS	NS	NS	NS	<393	<179	NS	NS	NS	NS
PAH-SPLP (ug/L)*																			
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals (mg/Kg) **																			
Antimony	0.12	27	8200	NS	<5.33	<108	NS	NS	NS	NS	NS	NS	NS	16.9	<5.12	NS	NS	NS	<5.14
Arsenic	0.2	10	10	NS	4.79	18.7	NS	NS	NS	NS	NS	NS	NS	4.88	<1.53	NS	NS	NS	5.25
Barium	20	4700	140000	NS	117	547	NS	NS	NS	NS	NS	NS	NS	60.4	105	NS	NS	NS	137
Beryllium	0.08	2	2	NS	<0.533	<0.539	NS	NS	NS	NS	NS	NS	NS	<0.507	0.844	NS	NS	NS	0.685
Cadmium	0.1	34	1000	NS	<0.533	4.29	NS	NS	NS	NS	NS	NS	NS	<0.507	<0.512	NS	NS	NS	<0.514
Chromium (Total)***	1	100	100	NS	26.7	54.8	NS	NS	NS	NS	NS	NS	NS	20.6	20.5	NS	NS	NS	32
Copper	26	2500	76000	NS	18.5	281	NS	NS	NS	NS	NS	NS	NS	21.9	11.6	NS	NS	NS	13.5
Lead	0.3	400	1000	NS	61	1830	NS	NS	NS	NS	NS	NS	NS	47.4	6.32	NS	NS	NS	18.4
Mercury	0.04	20	610	NS	0.0572	0.394	NS	NS	NS	NS	NS	NS	NS	0.0752	<0.0303	NS	NS	NS	<0.0323
Nickel	2	1400	7500	NS	19.8	72.4	NS	NS	NS	NS	NS	NS	NS	13.2	13	NS	NS	NS	16.6
Selenium	1	340	10000	NS	<1.60	2.55	NS	NS	NS	NS	NS	NS	NS	<1.52	<1.53	NS	NS	NS	<2.26
Silver	0.72	340	10000	NS	<1.60	<1.62	NS	NS	NS	NS	NS	NS	NS	<1.52	<1.53	NS	NS	NS	<1.54
Vanadium	1	470	14000	NS	25.8	82.6	NS	NS	NS	NS	NS	NS	NS	23.7	22.6	NS	NS	NS	28.6
Zinc	100	20000	610000	NS	82	2500	NS	NS	NS	NS	NS	NS	NS	65.6	31.4	NS	NS	NS	49.4
Metals-SPLP (mg/L)																			
Arsenic	0.01	NA	NA	NS	NS	<0.0080	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	1	NA	NA	NS	NS	0.214	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.004	NA	NA	NS	NS	<0.0040	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	<0.0050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)	0.05	NA	NA	NS	NS	<0.0100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	1.3	NA	NA	NS	NS	0.0239	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.015	NA	NA	NS	NS	0.0455	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NA	NA	NS	NS	<0.00020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NA	NA	NS	NS	<0.0100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NA	NA	NS	NS	<0.0300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.05	NA	NA	NS	NS	<0.0100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5	NA	NA	NS	NS	0.0489	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides (ug/Kg)																			
Methoxychlor	800	340000	10000000	<8.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<8.75	NS
PCBs (ug/Kg) **																			
Aroclor 1248	NA	NE	NE	<10.8	NS	4030	<28.9	<86.5	<20.2	570	492	<22.6	<28.8	<22.9	<21.6	<20.6	<20.8	NS	NS
Aroclor 1260	NA	NE	NE	<10.8	NS	155	<28.9	<86.5	<20.2	<21.6	<21.7	<22.6	<28.8	<22.9	<21.6	<20.6	<20.8	NS	NS
Total PCBs	10	1000	10000	BRL	NS	4185	BRL	BRL	BRL	570	492	BRL	BRL	BRL	BRL	BRL	BRL	NA	NS
PCBs-SPLP (ug/L)																			
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	I/C DEC	AF24-SB217 10/9/2011 AF-24-SB217(4-5) 4-5	AF24-SB217 10/9/2011 AF-24-SB217(5-6) 5-6	AF24-SB217 10/9/2011 AF-24-SB217(5-9) 5-9	AF24-SB217 10/9/2011 AF-24-SB217(8-9) 8-9	AG21-SB214 10/9/2011 AG-21-SB214(0-0.5) 0-0.5	AG21-SB214 10/9/2011 AG-21-SB214(4.5-5.5) 4.5-5.5	AG21-SB214 10/9/2011 AG-21-SB214(8.0-8.5) 8-8.5	AG21-SB214 10/9/2011 AG-21-SB214(13-14) 13-14	AG22-SB213 10/9/2011 AG-22-SB213(0-0.5) 0-0.5	AG22-SB213 10/9/2011 AG-22-SB213(0-4) 0-4	AG22-SB213 10/9/2011 AG-22-SB213(0-4) DUP 0-4	AG22-SB213 10/9/2011 AG-22-SB213(2-2.5) 2-2.5	AG22-SB213 10/9/2011 AG-22-SB213(5-9) 5-9	AG22-SB213 10/9/2011 AG-22-SB213(6-7) 6-7	AG22-SB213 10/9/2011 AG-22-SB213(10-15) 10-15	AG23-SB216 10/9/2011 AG-23-SB216(0-0.5) 0-0.5	
CT-ETPH (mg/Kg)																				
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAH (ug/Kg)																				
Chrysene	1000	84000	780000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Anthracene	40000	1000000	2500000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Fluoranthene	5600	1000000	2500000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	245	NS	<241	NS	NS	NS
Fluorene	5600	1000000	2500000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Naphthalene	5600	1000000	2500000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Phenanthrene	4000	1000000	2500000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	<183	NS	<241	NS	NS	NS
Pyrene	4000	1000000	2500000	<181	<175	NS	NS	NS	NS	NS	NS	NS	NS	NS	329	NS	<241	NS	NS	NS
PAH-SPLP (ug/L)*																				
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals (mg/Kg) **																				
Antimony	0.12	27	8200	NS	NS	<4.64	NS	NS	NS	NS	NS	NS	NS	<5.46	<5.24	NS	<5.84	NS	NS	NS
Arsenic	0.2	10	10	NS	NS	3.86	NS	NS	NS	NS	NS	NS	NS	4.87	4.71	NS	2.94	NS	NS	NS
Barium	20	4700	140000	NS	NS	86	NS	NS	NS	NS	NS	NS	NS	88.1	91.5	NS	121	NS	NS	NS
Beryllium	0.08	2	2	NS	NS	0.608	NS	NS	NS	NS	NS	NS	NS	<0.546	0.533	NS	0.65	NS	NS	NS
Cadmium	0.1	34	1000	NS	NS	<0.464	NS	NS	NS	NS	NS	NS	NS	<0.546	<0.524	NS	<0.584	NS	NS	NS
Chromium (Total)***	1	100	100	NS	NS	20.5	NS	NS	NS	NS	NS	NS	NS	20.1	21.5	NS	21.3	NS	NS	NS
Copper	26	2500	76000	NS	NS	11.9	NS	NS	NS	NS	NS	NS	NS	21.4	16.7	NS	11.8	NS	NS	NS
Lead	0.3	400	1000	NS	NS	7.1	NS	NS	NS	NS	NS	NS	NS	51.4	37.3	NS	17	NS	NS	NS
Mercury	0.04	20	610	NS	NS	<0.0293	NS	NS	NS	NS	NS	NS	NS	0.0533	0.0419	NS	0.0525	NS	NS	NS
Nickel	2	1400	7500	NS	NS	10.8	NS	NS	NS	NS	NS	NS	NS	13.8	20.2	NS	14.2	NS	NS	NS
Selenium	1	340	10000	NS	NS	<1.39	NS	NS	NS	NS	NS	NS	NS	<1.64	<1.57	NS	<1.75	NS	NS	NS
Silver	0.72	340	10000	NS	NS	<1.39	NS	NS	NS	NS	NS	NS	NS	<1.64	<1.57	NS	<1.75	NS	NS	NS
Vanadium	1	470	14000	NS	NS	18.3	NS	NS	NS	NS	NS	NS	NS	21.9	20.7	NS	25.1	NS	NS	NS
Zinc	100	20000	610000	NS	NS	30.2	NS	NS	NS	NS	NS	NS	NS	63.6	55.3	NS	32.4	NS	NS	NS
Metals-SPLP (mg/L)																				
Arsenic	0.01	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.004	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	1.3	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.015	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides (ug/Kg)																				
Methoxychlor	800	340000	10000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg) **																				
Aroclor 1248	NA	NE	NE	<20.3	<20.1	NS	<21.8	<21.6	<21.7	<19.7	<66.8	<20.4	NS	NS	<21.2	NS	<28.0	<27.0	<20.4	
Aroclor 1260	NA	NE	NE	<20.3	65.4	NS	<21.8	<21.6	37.9	<19.7	<66.8	<20.4	NS	NS	<21.2	NS	<28.0	<27.0	112	
Total PCBs	10	1000	10000	BRL	65.4	NS	BRL	BRL	37.9	BRL	BRL	BRL	NS	NS	BRL	NS	BRL	BRL	112	
PCBs-SPLP (ug/L)																				
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	I/C DEC	AG23-SB216 10/9/2011 AG-23-SB216(3-4) 3-4	AG23-SB216 10/9/2011 AG-23-SB216(9-10) 9-10	AG23-SB216 10/9/2011 AG-23-SB216(14-15) 14-15	AH21A-SB218 11/13/2011 AH21A-SB218(1-2)-1 1-2	AH21A-SB218 11/13/2011 AH21A-SB218(4-5)-1 4-5	AH21A-SB218 11/13/2011 AH21A-SB218(5.5-6.5)-1 5.5-6.5	AH21B-SB219 11/13/2011 AH21B-SB219(2-3)-1 2-3	AH21B-SB219 11/13/2011 AH21B-SB219(4-5)-1 4-5	AH21B-SB219 11/13/2011 AH21B-SB219(6-7)-1 6-7	AH21B-SB219 11/13/2011 AH21B-SB219(6-7)-2 6-7	AH21C-SB220 11/13/2011 AH21C-SB220(2-3)-1 2-3	AH21C-SB220 11/13/2011 AH21C-SB220(4-5)-1 4-5	AH21C-SB220 11/13/2011 AH21C-SB220(5-6)-1 5-6	AH21D-SB221 11/13/2011 AH21D-SB221(2-3)-1 2-3	AH21D-SB221 11/13/2011 AH21D-SB221(4-5)-1 4-5	AH21D-SB221 11/13/2011 AH21D-SB221(5-6)-1 5-6	
CT-ETPH (mg/Kg)																				
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAH (ug/Kg)																				
Chrysene	1000	84000	780000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	40000	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	5600	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	5600	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	5600	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	4000	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	4000	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAH-SPLP (ug/L)*																				
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals (mg/Kg) **																				
Antimony	0.12	27	8200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.2	10	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	20	4700	140000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.08	2	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.1	34	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)***	1	100	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	26	2500	76000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.3	400	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.04	20	610	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	2	1400	7500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	1	340	10000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.72	340	10000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	1	470	14000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	100	20000	610000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP (mg/L)																				
Arsenic	0.01	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.004	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	1.3	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.015	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides (ug/Kg)																				
Methoxychlor	800	340000	10000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg) **																				
Aroclor 1248	NA	NE	NE	<24.5	<21.2	<21.8	<14.7	389	4030	<29.4	231	85800	77600	227	1310	2240	<29.7	72700	166	
Aroclor 1260	NA	NE	NE	37.7	71.2	<21.8	15.5	21.1	49.7	<29.4	48	1360	846	<14.5	505	97.1	<29.7	<2260	<14.2	
Total PCBs	10	1000	10000	37.7	71.2	BRL	15.5	410.1	4079.7	BRL	279	87160	78446	227	1815	2337.1	BRL	72700	166	
PCBs-SPLP (ug/L)																				
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	I/C DEC	AH21E-SB222 11/13/2011 AH21E-SB222(2-3)-1 2-3	AH21E-SB222 11/13/2011 AH21E-SB222(4-5)-1 4-5	AH21E-SB222 11/13/2011 AH21E-SB222(5-6)-1 5-6	AH21F-SB223 11/13/2011 AH21F-SB223(3-4)-1 3-4	AH21F-SB223 11/13/2011 AH21F-SB223(4-5)-1 4-5	AH21F-SB223 11/13/2011 AH21F-SB223(5-6)-1 5-6	AH21G-SB224 11/13/2011 AH21G-SB224(2-3)-1 2-3	AH21G-SB224 11/13/2011 AH21G-SB224(4-5)-1 4-5	AH21F-SB224 11/13/2011 AH21F-SB224(6-7)-1 6-7	AH21H-SB225 11/13/2011 AH21H-SB225(3-4)-1 3-4	AH21H-SB225 11/13/2011 AH21H-SB225(4-5)-1 4-5	AH21H-SB225 11/13/2011 AH21H-SB225(5-6)-1 5-6	AH21H-SB225 11/13/2011 AH21H-SB225(5-6)-2 5-6	AH21-SB206 10/2/2011 AH21-SB206(0-0.5)-1 0-0.5	AH21-SB206 10/2/2011 AH21-SB206(0-0.5)-2 0-0.5	AH21-SB206 10/2/2011 AH21-SB206(4-5)-1 4-5
CT-ETPH (mg/Kg)																			
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAH (ug/Kg)																			
Chrysene	1000	84000	780000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4800
Anthracene	40000	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3290
Benzo(a)anthracene	1000	1000	7800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5010
Benzo(a)pyrene	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3590
Benzo(b)fluoranthene	1000	1000	7800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3240
Benzo(k)fluoranthene	1000	8400	78000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3700
Fluoranthene	5600	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8440
Fluorene	5600	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2420
Naphthalene	5600	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4440
Phenanthrene	4000	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10800
Pyrene	4000	1000000	2500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7760
PAH-SPLP (ug/L)*																			
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.05
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.29
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.2
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.5
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.05
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0526
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.105
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.05
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.02
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.67
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.38
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.05
Metals (mg/Kg) **																			
Antimony	0.12	27	8200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<5.52
Arsenic	0.2	10	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	11.9
Barium	20	4700	140000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	577
Beryllium	0.08	2	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.552
Cadmium	0.1	34	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.79
Chromium (Total)***	1	100	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	71
Copper	26	2500	76000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	312
Lead	0.3	400	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1480
Mercury	0.04	20	610	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.19
Nickel	2	1400	7500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	52.6
Selenium	1	340	10000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<2.21
Silver	0.72	340	10000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.49
Vanadium	1	470	14000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	58.3
Zinc	100	20000	610000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1430
Metals-SPLP (mg/L)																			
Arsenic	0.01	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0080
Barium	1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.251
Beryllium	0.004	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0050
Chromium (Total)	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0100
Copper	1.3	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0145
Lead	0.015	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0712
Mercury	0.002	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.00020
Nickel	0.1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0100
Selenium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0100
Vanadium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.0100
Zinc	5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0789
Pesticides (ug/Kg)																			
Methoxychlor	800	340000	10000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	30.5	13.7	NS
PCBs (ug/Kg) **																			
Aroclor 1248	NA	NE	NE	779	1900	<22.3	<44.1	<20.1	<21.6	722	9890	<21.2	<20.8	333	7500	20300	<10.9	<10.9	18400
Aroclor 1260	NA	NE	NE	70.8	52.2	<22.3	<44.1	<20.1	<21.6	29.2	273	<21.2	<20.8	<21.0	149	291	<10.9	<10.9	354
Total PCBs	10	1000	10000	849.8	1952.2	BRL	BRL	BRL	BRL	751.2	10163	BRL	BRL	333	7649	20591	BRL	BRL	18754
PCBs-SPLP (ug/L)																			
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.29
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.200
Total PCBs	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.29



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	I/C DEC	AH21-SB206 10/2/2011 AH21-SB206(8-9)-1 8-9	AH21-SB206 10/2/2011 AH21-SB206(8-9)-2 8-9	AH21-SB206 10/2/2011 AH21-SB206(11-12)-1 11-12	AH22-SB212 10/9/2011 AH-22-SB212(0-0.5) 0-0.5	AH22-SB212 10/9/2011 AH-22-SB212(4-5) 4-5	AH22-SB212 10/9/2011 AH-22-SB212(5.5-6) 5.5-6	AH22-SB212 10/9/2011 AH-22-SB212(8-10) 8-10	AH22-SB212 10/9/2011 AH-22-SB212(14-15) 14-15	AH22-SB204 10/2/2011 AH23-SB204(0-0.5)-1 0-0.5	AH22-SB204 10/2/2011 AH23-SB204(2-3)-1 2-3	AH23-SB204 10/2/2011 AH23-SB204(7-8)-1 7-8	AH23-SB204 10/2/2011 AH23-SB204(15.5-16)-1 15.5-16	AI21-SB211 10/9/2011 AI-21-SB211(0-0.5) 0-0.5	AI21-SB211 10/9/2011 AI-21-SB211(4.5-5) 4-5.5	AI21-SB211 10/9/2011 AI-21-SB211(6-8) 6-8	AI21-SB211 10/9/2011 AI-21-SB211(6-8) DUP 6-8
CT-ETPH (mg/Kg)																			
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	NS	NS	NS	NS	NS	98.6	99.7	NS	NS	NS	NS	NS	NS	757	NS	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	NS	NS	NS	NS	NS	98.6	99.7	NS	NS	NS	NS	NS	NS	757	NS	NS
Unidentified	NE	NE	NE	NS	NS	NS	NS	NS	98.6	99.7	NS	NS	NS	NS	NS	NS	757	NS	NS
PAH (ug/Kg)																			
Chrysene	1000	84000	780000	<179	<181	NS	NS	NS	NS	NS	NS	NS	9740	<179	NS	NS	NS	NS	NS
Anthracene	40000	1000000	2500000	<179	<181	NS	NS	NS	NS	NS	NS	NS	10000	<179	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	7800	<179	<181	NS	NS	NS	NS	NS	NS	NS	11900	<179	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	<179	<181	NS	NS	NS	NS	NS	NS	NS	10300	<179	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	7800	<179	<181	NS	NS	NS	NS	NS	NS	NS	9680	<179	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	8400	78000	<179	<181	NS	NS	NS	NS	NS	NS	NS	<9220	<179	NS	NS	NS	NS	NS
Fluoranthene	5600	1000000	2500000	<179	<181	NS	NS	NS	NS	NS	NS	NS	30900	<179	NS	NS	NS	NS	NS
Fluorene	5600	1000000	2500000	<179	<181	NS	NS	NS	NS	NS	NS	NS	<9220	<179	NS	NS	NS	NS	NS
Naphthalene	5600	1000000	2500000	<179	<181	NS	NS	NS	NS	NS	NS	NS	<9220	<179	NS	NS	NS	NS	NS
Phenanthrene	4000	1000000	2500000	<179	<181	NS	NS	NS	NS	NS	NS	NS	34300	<179	NS	NS	NS	NS	NS
Pyrene	4000	1000000	2500000	<179	<181	NS	NS	NS	NS	NS	NS	NS	21600	<179	NS	NS	NS	NS	NS
PAH-SPLP (ug/L)*																			
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.11	NS	NS	NS	NS	NS	NS
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.11	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.11	NS	NS	NS	NS	NS	NS
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.9	NS	NS	NS	NS	NS	NS
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.66	NS	NS	NS	NS	NS	NS
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0844	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.111	NS	NS	NS	NS	NS	NS
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.01	NS	NS	NS	NS	NS	NS
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.8	NS	NS	NS	NS	NS	NS
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.11	NS	NS	NS	NS	NS	NS
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	11.2	NS	NS	NS	NS	NS	NS
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.33	NS	NS	NS	NS	NS	NS
Metals (mg/Kg) **																			
Antimony	0.12	27	8200	<4.66	<4.87	NS	NS	NS	NS	NS	NS	NS	<5.17	<5.28	NS	NS	NS	NS	NS
Arsenic	0.2	10	10	1.87	1.96	NS	NS	NS	NS	NS	NS	NS	3.01	1.9	NS	NS	NS	NS	NS
Barium	20	4700	140000	52.5	44.3	NS	NS	NS	NS	NS	NS	NS	118	74.7	NS	NS	NS	NS	NS
Beryllium	0.08	2	2	<0.466	<0.487	NS	NS	NS	NS	NS	NS	NS	0.61	0.648	NS	NS	NS	NS	NS
Cadmium	0.1	34	1000	<0.466	<0.487	NS	NS	NS	NS	NS	NS	NS	<0.517	<0.528	NS	NS	NS	NS	NS
Chromium (Total)***	1	100	100	12.1	12.2	NS	NS	NS	NS	NS	NS	NS	24.4	13.5	NS	NS	NS	NS	NS
Copper	26	2500	76000	11.3	11.1	NS	NS	NS	NS	NS	NS	NS	15.3	7.74	NS	NS	NS	NS	NS
Lead	0.3	400	1000	15.9	18.8	NS	NS	NS	NS	NS	NS	NS	33.8	5.6	NS	NS	NS	NS	NS
Mercury	0.04	20	610	<0.0300	<0.0309	NS	NS	NS	NS	NS	NS	NS	0.0328	<0.0296	NS	NS	NS	NS	NS
Nickel	2	1400	7500	9.97	9.83	NS	NS	NS	NS	NS	NS	NS	14.3	7.73	NS	NS	NS	NS	NS
Selenium	1	340	10000	<1.40	<1.46	NS	NS	NS	NS	NS	NS	NS	<1.55	<1.59	NS	NS	NS	NS	NS
Silver	0.72	340	10000	<1.40	<1.46	NS	NS	NS	NS	NS	NS	NS	<1.55	<1.59	NS	NS	NS	NS	NS
Vanadium	1	470	14000	15.6	15.5	NS	NS	NS	NS	NS	NS	NS	25.3	15.4	NS	NS	NS	NS	NS
Zinc	100	20000	610000	23.3	23.2	NS	NS	NS	NS	NS	NS	NS	54.6	22.4	NS	NS	NS	NS	NS
Metals-SPLP (mg/L)																			
Arsenic	0.01	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.004	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	1.3	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.015	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides (ug/Kg)																			
Methoxychlor	800	340000	10000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg) **																			
Aroclor 1248	NA	NE	NE	<21.7	<20.7	<35.9	<20.9	<20.9	<27.7	NS	<21.5	<21.3	<22.3	<21.7	<22.6	<21.8	5160	<21.4	<21.0
Aroclor 1260	NA	NE	NE	<21.7	<20.7	<35.9	<20.9	74.2	452	NS	<21.5	<21.3	<22.3	<21.7	<22.6	<21.8	464	<21.4	<21.0
Total PCBs	10	1000	10000	BRL	BRL	BRL	BRL	74.2	452	NS	BRL	BRL	BRL	BRL	BRL	BRL	5624	BRL	BRL
PCBs-SPLP (ug/L)																			
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	I/C DEC	AI21-SB211 10/9/2011 AI-21-SB211(14-15) 14-15	AI22-SB205 10/2/2011 AI22-SB205(0-1)-1 0-1	AI22-SB205 10/2/2011 AI22-SB205(2-3)-1 2-3	AI22-SB205 10/2/2011 AI22-SB205(6-7)-1 6-7	AI22-SB205 10/2/2011 AI22-SB205(9-10)-1 9-10	AI22-SB205 10/2/2011 AI22-SB205(15-16)-1 15-16	AI23-SB208 10/9/2011 AI-23-SB208(0-0.5) 0-0.5	AI23-SB208 10/9/2011 AI-23-SB208(0.5-2) 0.5-2	AI23-SB208 10/9/2011 AI-23-SB208(6-7) 6-7	AI23-SB208 10/9/2011 AI-23-SB208(10.5-11) 10.5-11	AJ21-SB210 10/9/2011 AJ-21-SB210(0-0.5) 0-0.5	AJ21-SB210 10/9/2011 AJ-21-SB210(0-4) 0-4	AJ21-SB210 10/9/2011 AJ-21-SB210(4.5-5.5) 4.5-5.5	AJ21-SB210 10/9/2011 AJ-21-SB210(5-9) 5-9	AJ21-SB210 10/9/2011 AJ-21-SB210(6-7) 6-7	AJ21-SB210 10/9/2011 AJ-21-SB210(14-15) 14-15
CT-ETPH (mg/Kg)																			
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	930	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	930	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	NE	NE	NE	930	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAH (ug/Kg)																			
Chrysene	1000	84000	780000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Anthracene	40000	1000000	2500000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Benzo(a)anthracene	1000	1000	7800	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Benzo(a)pyrene	1000	1000	1000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Benzo(b)fluoranthene	1000	1000	7800	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Benzo(k)fluoranthene	1000	8400	78000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Fluoranthene	5600	1000000	2500000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Fluorene	5600	1000000	2500000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Naphthalene	5600	1000000	2500000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Phenanthrene	4000	1000000	2500000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
Pyrene	4000	1000000	2500000	NS	NS	<184	NS	<178	NS	NS	NS	NS	NS	NS	NS	<1750	NS	NS	<1040
PAH-SPLP (ug/L)*																			
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals (mg/Kg) **																			
Antimony	0.12	27	8200	NS	NS	<4.86	<7.01	NS	NS	NS	NS	NS	NS	NS	<5.24	NS	<5.43	NS	NS
Arsenic	0.2	10	10	NS	NS	4.25	2.44	NS	NS	NS	NS	NS	NS	NS	10	NS	1.74	NS	NS
Barium	20	4700	140000	NS	NS	96.7	166	NS	NS	NS	NS	NS	NS	NS	99.6	NS	48.7	NS	NS
Beryllium	0.08	2	2	NS	NS	0.656	1.26	NS	NS	NS	NS	NS	NS	NS	<0.524	NS	<0.543	NS	NS
Cadmium	0.1	34	1000	NS	NS	<0.486	<0.701	NS	NS	NS	NS	NS	NS	NS	<0.524	NS	<0.543	NS	NS
Chromium (Total)***	1	100	100	NS	NS	25.8	19.2	NS	NS	NS	NS	NS	NS	NS	22	NS	11.3	NS	NS
Copper	26	2500	76000	NS	NS	15.8	8.42	NS	NS	NS	NS	NS	NS	NS	15.4	NS	12.1	NS	NS
Lead	0.3	400	1000	NS	NS	27.9	56.7	NS	NS	NS	NS	NS	NS	NS	148	NS	13.4	NS	NS
Mercury	0.04	20	610	NS	NS	0.0393	0.0586	NS	NS	NS	NS	NS	NS	NS	0.153	NS	<0.0314	NS	NS
Nickel	2	1400	7500	NS	NS	14.3	11.3	NS	NS	NS	NS	NS	NS	NS	13.8	NS	11.6	NS	NS
Selenium	1	340	10000	NS	NS	<1.46	<2.10	NS	NS	NS	NS	NS	NS	NS	<2.15	NS	<1.63	NS	NS
Silver	0.72	340	10000	NS	NS	<1.46	<2.10	NS	NS	NS	NS	NS	NS	NS	<1.57	NS	<1.63	NS	NS
Vanadium	1	470	14000	NS	NS	27.2	17.8	NS	NS	NS	NS	NS	NS	NS	22.9	NS	13	NS	NS
Zinc	100	20000	610000	NS	NS	40.4	12.6	NS	NS	NS	NS	NS	NS	NS	82.6	NS	26.7	NS	NS
Metals-SPLP (mg/L)																			
Arsenic	0.01	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.004	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	1.3	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.015	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides (ug/Kg)																			
Methoxychlor	800	340000	10000000	NS	<8.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg) **																			
Aroclor 1248	NA	NE	NE	<62.6	<10.6	NS	<31.2	<21.6	<21.3	<22.0	<23.4	<20.8	<20.9	<20.8	NS	1390	NS	<21.2	<62.6
Aroclor 1260	NA	NE	NE	<62.6	<10.6	NS	<31.2	<21.6	<21.3	<22.0	<23.4	<20.8	49.8	<20.8	NS	30.5	NS	<21.2	<62.6
Total PCBs	10	1000	10000	BRL	BRL	NS	BRL	BRL	BRL	BRL	BRL	BRL	49.8	BRL	NS	1420.5	NS	BRL	BRL
PCBs-SPLP (ug/L)																			
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS



Table 1
Soil Analytical Data
MISA Soil Investigation
Greenwich, CT

Location ID Sample Date Sample ID Depth Interval	GA-PMC	RES DEC	VC DEC	AJ22-SB209 10/9/2011 AJ-22-SB209(0-0.5) 0-0.5	AJ22-SB209 10/9/2011 AJ-22-SB209(1-3) 1-3	AJ22-SB209 10/9/2011 AJ-22-SB209(5-6) 5-6	AJ22-SB209 10/9/2011 AJ-22-SB209(7-8) 7-8	AJ23-SB207 10/2/2011 AJ23-SB207(0-.5)-1 0-0.5	AJ23-SB207 10/2/2011 AJ23-SB207(2.5-3)-1 2.5-3	AJ23-SB207 10/2/2011 AJ23-SB207(2.5-3)-2 2.5-3	AJ23-SB207 10/2/2011 AJ23-SB207(6-6.5)-1 6-6.5	AJ23-SB207 10/2/2011 AJ23-SB207(13-13.5)-1 13-13.5
CT-ETPH (mg/Kg)												
C9-C36 Aliphatic Hydrocarbons	NE	NE	NE	NS	NS	NS	NS	NS	33.3	35.6	44.8	NS
Extractable Total Petroleum Hydrocarbons	500	500	2500	NS	NS	NS	NS	NS	33.3	35.6	44.8	NS
Unidentified	NE	NE	NE	NS	NS	NS	NS	NS	33.3	35.6	44.8	NS
PAH (ug/Kg)												
Chrysene	1000	84000	780000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Anthracene	40000	1000000	2500000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Benzo(a)anthracene	1000	1000	7800	NS	NS	NS	NS	NS	<394	<400	<359	NS
Benzo(a)pyrene	1000	1000	1000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Benzo(b)fluoranthene	1000	1000	7800	NS	NS	NS	NS	NS	<394	<400	<359	NS
Benzo(k)fluoranthene	1000	8400	78000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Fluoranthene	5600	1000000	2500000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Fluorene	5600	1000000	2500000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Naphthalene	5600	1000000	2500000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Phenanthrene	4000	1000000	2500000	NS	NS	NS	NS	NS	<394	<400	<359	NS
Pyrene	4000	1000000	2500000	NS	NS	NS	NS	NS	<394	<400	<359	NS
PAH-SPLP (ug/L)*												
Chrysene	4.8	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
1-Methylnaphthalene	NE	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	49	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	420	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	2000	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)Anthracene	0.06	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	280	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	200	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals (mg/Kg) **												
Antimony	0.12	27	8200	NS	NS	NS	NS	NS	<5.55	<5.20	<4.98	NS
Arsenic	0.2	10	10	NS	NS	NS	NS	NS	3.96	3.15	1.63	NS
Barium	20	4700	140000	NS	NS	NS	NS	NS	83.5	73	66.9	NS
Beryllium	0.08	2	2	NS	NS	NS	NS	NS	0.613	<0.520	0.735	NS
Cadmium	0.1	34	1000	NS	NS	NS	NS	NS	<0.555	<0.520	<0.498	NS
Chromium (Total)***	1	100	100	NS	NS	NS	NS	NS	19.2	15.9	16	NS
Copper	26	2500	76000	NS	NS	NS	NS	NS	10.5	10.6	14	NS
Lead	0.3	400	1000	NS	NS	NS	NS	NS	27.3	26.2	6.83	NS
Mercury	0.04	20	610	NS	NS	NS	NS	NS	0.0542	0.059	<0.0311	NS
Nickel	2	1400	7500	NS	NS	NS	NS	NS	10.1	8.69	7.65	NS
Selenium	1	340	10000	NS	NS	NS	NS	NS	<1.67	<1.56	<1.50	NS
Silver	0.72	340	10000	NS	NS	NS	NS	NS	<1.67	<1.56	<1.50	NS
Vanadium	1	470	14000	NS	NS	NS	NS	NS	21.1	18	18.9	NS
Zinc	100	20000	610000	NS	NS	NS	NS	NS	37.9	34.9	24.6	NS
Metals-SPLP (mg/L)												
Arsenic	0.01	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	0.004	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	0.005	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium (Total)	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	1.3	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.015	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.036	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.05	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides (ug/Kg)												
Methoxychlor	800	340000	10000000	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs (ug/Kg) **												
Aroclor 1248	NA	NE	NE	<21.6	106	138	<32.5	<20.2	NS	NS	<20.9	<20.2
Aroclor 1260	NA	NE	NE	34.8	<21.5	<22.7	<32.5	<20.2	NS	NS	<20.9	<20.2
Total PCBs	10	1000	10000	34.8	106	138	BRL	BRL	NS	NS	BRL	BRL
PCBs-SPLP (ug/L)												
Aroclor 1248	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCBs	0.5	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected chemicals are presented.

<0.010 = Not detected above given laboratory reporting limit.

Bold = Detected above reporting limit.

For screening purposes only - Orange highlighted cells exceed the 20x rule for GA_PMC.

Blue highlighted cells exceed RES DEC.

Green highlighted cells exceed I/C DEC.

Yellow highlighted cells exceed GA_PMC for SPLP analytical results.

RES DEC = Residential Direct Exposure Criteria.

I/C DEC = Industrial/Commercial Direct Exposure Criteria.

GA-PMC = Pollutant Mobility Criteria for GA-classified groundwater areas.

NE = Criteria has not been established

NS = Not sampled for this constituent.

ug/Kg = microgram per kilogram

mg/Kg = miligram per kilogram

mg/L = miligram per Liter

Criteria in italics require CT DEEP approval.

* Critiria listed for comparision to PAH SPLP results are RSR GA Groundwater Protection Critiera

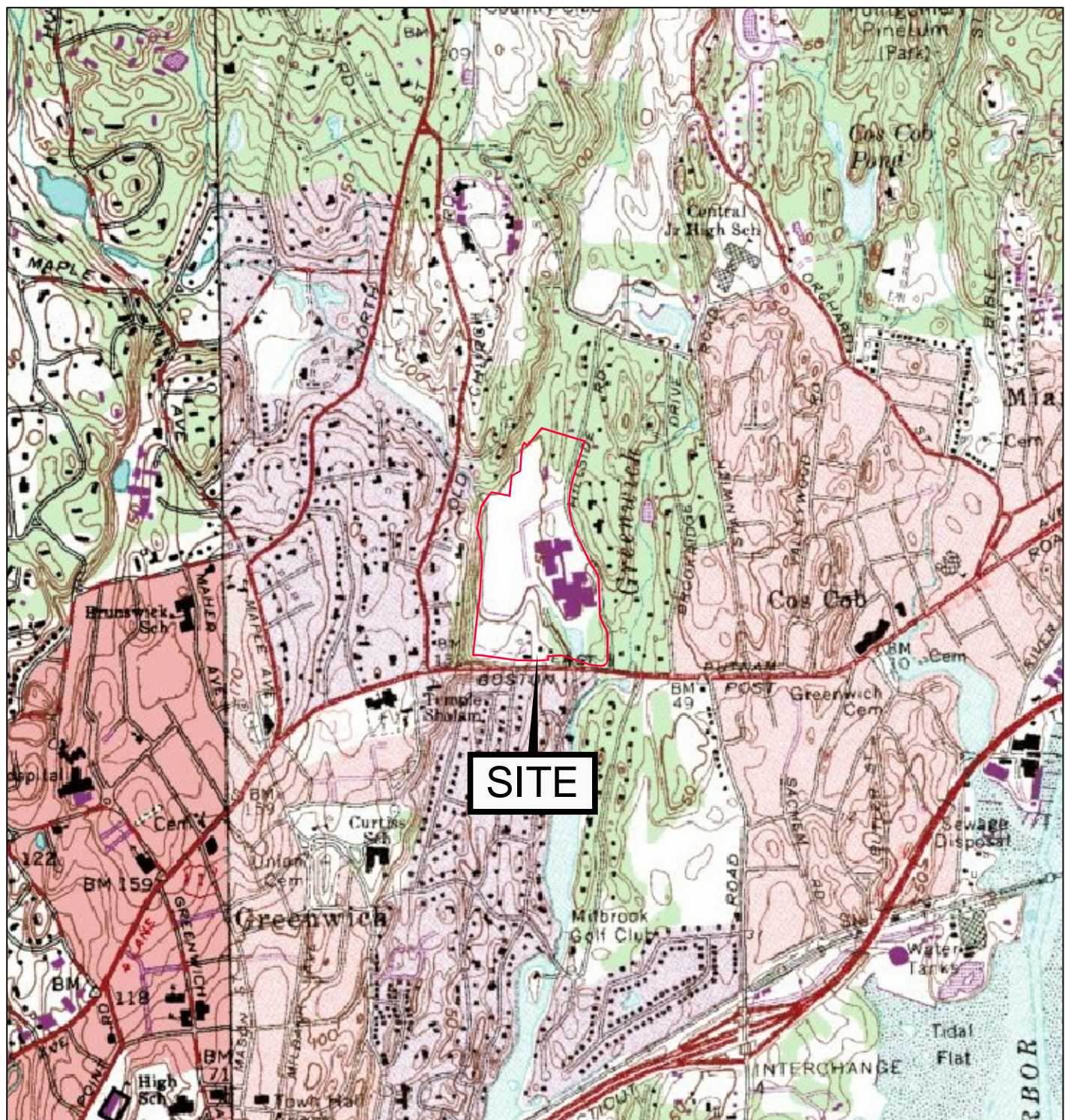
** For screening purposes only, listed GA-PMC for inorganics and PCBs mass analysis are RSR GA-PMC (leachate analysis based) multiplied by 20.

*** For screening purposes only, RES DEC and I/C DEC critiera for hexavalen chromium compared to total chromium results. If screening with this criteria suggests a potential exceedances, then chromium specific analysis should be run to identify actual exceedances.

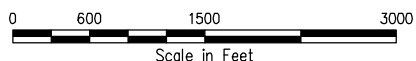
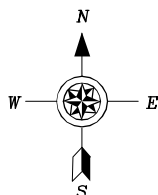
Codified criterion for arsenic GWPC is 50 ug/L, but the revised Drinking Water Action Level is 10 ug/L, which also revises the GA PMC from 0.05 mg/L to 0.01 mg/kg and the GB PMC from 0.5 mg/Lto 0.1 mg/L, to be protective of human health.

Codified critierion for lead RES DEC is 500 mg/kg, but the recommended clean-up criteria in 400 mg/kg to be protective of human health.

Figures



QUADRANGLE LOCATION



SOURCE: MAPCARD - USGS STAMFORD, CT QUAD. 1984
LAT 41.0399 LONG. -73.6127 ELEVATION = 63'

AECOM Environment
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CONNECTICUT 06067
T 860.263.5800 F 860.263.5777
www.aecom.com

AECOM

FIGURE 1
SITE LOCATION MAP
GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD, GREENWICH, CT

DATE:	PROJECT NUMBER:	FIG. No:
DECEMBER 2011	60225155	1

ARCH D - 3-7-05



SCALE:

0 70 140 210 FEET

1" = 70' SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

FIGURE 2
SITE PLAN
MISA INVESTIGATION REPORT

GREENWICH HIGH SCHOOL
HILLSIDE RD
GREENWICH, CT

FILE NO. 60225155
CADD FILE 60225155-01A
SHEET

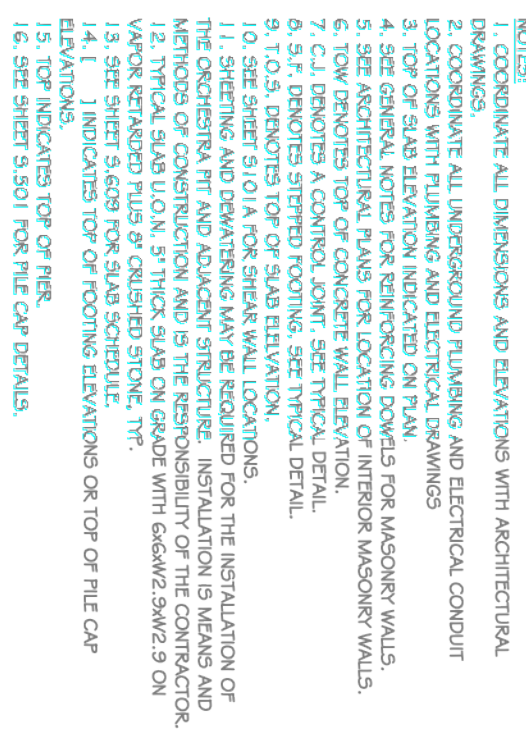
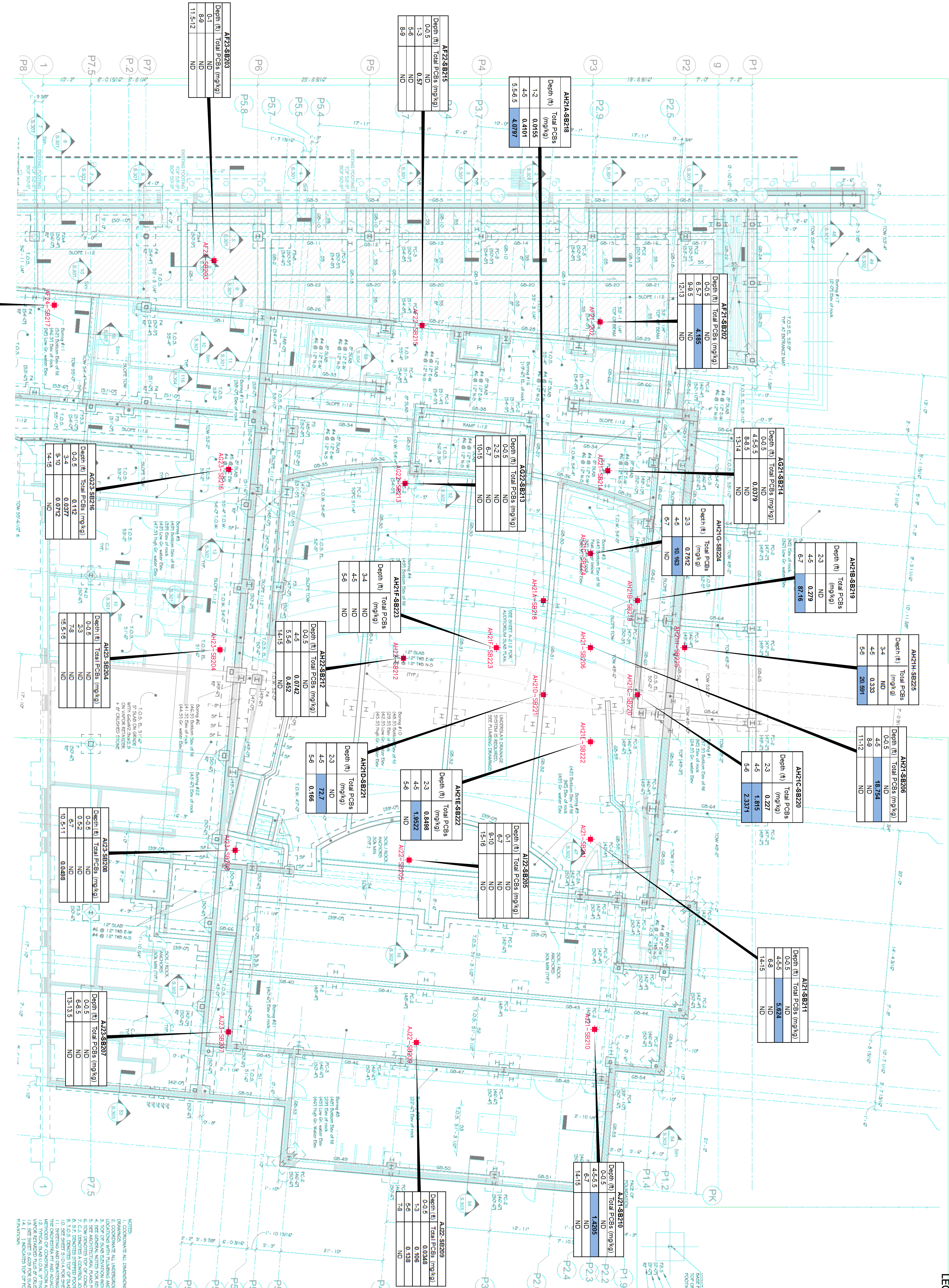


FIGURE 3
SOIL SAMPLE LOCATIONS AND AREAS OF CONCERN
MISA INVESTIGATION REPORT

ARCH D - 3-7-05



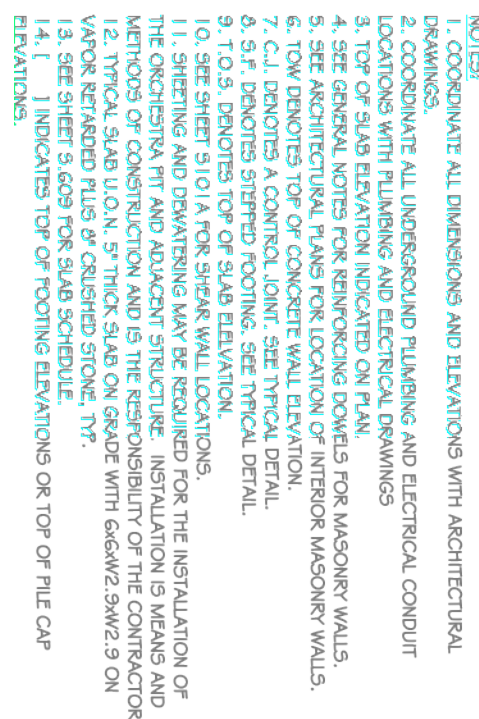


FIGURE 5
METALS ANALYTICAL DATA SUMMARY
MISA INVESTIGATION REPORT



FIGURE 7

ETPH ANALYTICAL DATA SUMMARY

MISA INVESTIGATION REPORT